

CLAIMS

1. An exhaust manifold for a supercharger-equipped internal combustion engine having multiple cylinders, characterized in that;

5 the diameter D of a main tube of the exhaust manifold and the diameter d of a branch tube satisfy the expression of $1.2 \leq (D/d)^2 \leq 2.5$.

2 An exhaust manifold for a supercharger-equipped internal combustion engine having multiple cylinders, characterized in that;

10 the diameter d of a branch tube of the exhaust manifold and the diameter d_e of an exhaust valve sheet satisfy the expression of $0.8 \leq (d/d_e)^2 \leq 1.2$.

3 An exhaust manifold for a supercharger-equipped internal combustion engine having multiple cylinders, characterized in that;

15 the diameter D of a main tube of the exhaust manifold and the diameter D_1 of a passage of a connection connecting a branch tube to the main tube satisfy the expression of $0.7 \leq (D/D_1)^2 \leq 1.4$.

4. An exhaust manifold for a supercharger-equipped internal combustion engine having multiple cylinders, characterized in that;

25 a branch tube is smoothly connected to a main tube of the exhaust manifold via a connection,

the radius R of the outer peripheral side of the connection,
and the radius r of the inner circumference side of the
connection satisfy the expression of $1.7 \leq R/r \leq 2.1$.